

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/001996A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H02M3/156 H02M1/00 H03K17/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02M H03K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 680 056 A (CENTRE NAT RECH SCIENT) 5 February 1993 (1993-02-05) abstract page 9, line 8 - line 13 figures 1,5	1-8, 10-16, 18
A	US 5 930 132 A (SATO ATSUSHI ET AL) 27 July 1999 (1999-07-27) abstract from column 1, line 65 up tp column 2, line 14 figure 1	1-18
X, P	US 2003/231011 A1 (TAKEMURA KO ET AL) 18 December 2003 (2003-12-18) abstract paragraph '0032! figures 1,2A,2B	1,6-8, 11-14

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

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Date of the actual completion of the International search

Date of mailing of the International search report

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category <sup>a</sup>	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 381 160 B1 (DUERBAUM THOMAS ET AL) 30 April 2002 (2002-04-30) abstract column 3, line 37 - line 51 column 6, line 31 - line 60 figure 2 -----	1,14

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report	Publication date		Patent family member(s)	Publication date
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